

SCRIBE

ATC Speech Recognition



Project value

SCRIBE provides DSNA with a Speech Recognition service trained on operational ATC recordings

A Natural Language Processing tailored for ATC

Based on several Deep Learning engines, Scribe can instantly transcribe operational exchanges in all flight phases, can extract valuable ATC entities (callsigns, clearances, readbacks, ...) and can answer thanks to a text-to-speech service adapted to the ATC world



Fit for Operational Exchanges

Speech-To-Text 90+ % correct
in both French & English

Understanding En-Route &
Approach messages

Text-To-Speech
multi-lingual & multi-accents



Generic Cloud Service

Available everywhere
for every use

Supports
audio files & live stream



DSNA Innovation Enabler

5 applications

From quick-wins

To long-term innovations